

8 February 1972

MEMORANDUM FOR THE RECORD

**DA QA/QC:**  
**11/02/00. SY**

SUBJECT: 1. Environmental Protective Agency  
2. Industrial Waste Technology

The Office of Technology Transfer, Environmental Protection Agency,  
Washington, D.C. 20460, provided the following information:

1. Environmental Impact Statements:

a. Guidelines

(1) Overall guidelines are contained in OMB Circular A-95

(2) EPA's Federal Activities Branch has its own guidelines for Federal agencies and in April 1972 will conduct a seminar for interested Federal agencies which will cover policies, procedures, and technology. Mr. Ralph Holtje, telephone 557-7725, is the recommended contact. He is located in Crystal Mall, building # 2.

b. Preparation

(1) An A&E firm provided the parameters of the required levels of pollution control (water, air, ecology, etc.) normally should be required to prepare this statement during the design phase of planned construction.

(2) A&E firms can be hired to do surveys of your existing facilities to ascertain current levels of pollution and make recommendations for solutions to problem areas detected and the cost estimate for corrective actions and the impact statement.

(2) The Army Environmental Hygiene Agency of the Corps of Engineers, Edgewood Arsenal, Maryland, conducts industrial waste, water and air pollution surveys on behalf of the Army and Air Force. They recently completed an 8-week, 6-man survey of NSA. It was noted that they recommended a silver recovery

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effort in NSA's photographic areas. EPA believed that the Corps of Engineers would conduct these surveys free of charge for Federal agencies. Colonel George Taft is the Commanding Officer and can be contacted via AUTOVAN extension 21250. (From an OXFORD telephone dial 80 and then give the operator the extension 21250.) NOTE: The Army Environmental Hygiene Agency conducts surveys but no design work.

2. Industrial Waste Technology

a. Furnished with the hypothetical information that we had a chemical effluent waste of 1 million gallons per day, the Technology Transfer Representative advised that, following a survey to determine the composition of the effluent, design costs could vary from 100,000 to 250,000 dollars depending upon the complexity of neutralization involved to meet Federal water quality controls involved. Therefore, the facility would cost between 1 and 2 1/2 million dollars. Estimates would have to be prepared to cover both neutralization and discharge as well as neutralization and recycling. It is noted that policies, procedures, and controls are more stringent for Federal agencies than for industry.

b. A&E firms that have had acceptable experience (to EPA) in advanced waste design include:

Metcalf and Eddy, Boston, Mass.  
Camp, Dresser and Mikee, Boston, Mass.  
Roy F. Weston, Westchester, Pa.  
Greeley and Hansen, New York City, N.Y.  
Burns and Roe, Oradell, N.J.

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Security Officer, BPS

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